



Green Energy Parks

Making the national parks a showcase for
a sustainable energy future



Green Energy Parks 2000 Project List

The national parks are ideal places to showcase the Federal government's commitment to promoting both energy-efficient and renewable energy technologies and practices. This in turn reduces the environmental impacts associated with pollution and global climate change. Furthermore, the concept of educating the public about energy use dovetails with the overall National Park Service (NPS) mission of protecting our nation's natural and cultural resources and interpreting the significance of those resources for all Americans.

The U.S. Department of Interior's NPS and the U.S. Department of Energy (DOE) have committed a combined \$1.6 million in funding for 70 new clean energy projects at national parks across the country under the Green Energy Parks program. These projects will demonstrate our commitment to sustainability, to being responsible stewards of the nation's resources, and to educating the public. A summary list of these projects is provided in the table that follows.

Park Name	State	Project Title
Various		University Park Energy Audit Partnership
Washington Office	DC	Energy & Water Conservation Training Program (DOE Partnership)
United States Park Police	DC	Automation Design
Assateague Island National Seashore	MD	Renewable Energy Retrofit at Valentine's Lodge
Badlands National Park	SD	Install solar lighting along trails and parking areas
Badlands National Park	SD	Retrofit lighting systems for energy conservation
Big South Fork National River and Recreation Area	KY	Remote restroom solar lighting
Blue Ridge Parkway	NC	Replace Windows and Roof at Craggy Gardens Visitor Center
Blue Ridge Parkway	NC	Install Energy Efficient Lighting Parkwide
Blue Ridge National Parkway	NC	Ground Source Heat Pumps
Cape Lookout National Seashore	NC	Fishcamp Photovoltaic Install.
Cape Lookout National Seashore	NC	Fishcamp Solar Thermal Project
Carlsbad Caverns National Park	NM	Solar Energy Demonstration Exhibit
Chamizal National Memorial	TX	Retrofit Existing Light Fixtures
Cowpens National Battlefield	SC	Install Automatic Doors at Visitor Center
Craters of the Moon National Monument	ID	Replace Overhead Power Line with Solar
Cumberland Gap National Historical Park	VA	Repair Visitor Center Parking Lot Lights



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Cumberland Gap National Historical Park	VA	Repair Lighting and Heaters in Five Comfort Stations
Curecanti National Recreational Area	CO	Replace Two Generator Systems
Denali National Park and Preserve	AK	Implement DOE Green Energy recommendations
Denali National Park and Preserve	AK	Upgrade Repair Rehab Project at Auto Shop
Denali National Park and Preserve	AK	Upgrade Repair Rehab of Carpenter Shop
Devils Tower National Monument	WY	Upgrade Lighting in Maintenance Shop
Dinosaur National Monument	CO	Provide Energy Conservation Training
Dinosaur National Monument	CO	Echo Park Photovoltaic System
Dinosaur National Monument	CO	Headquarters Parking Lot Solar Lighting
Effigy Mounds National Monument	IA	Rehab Visitor Center Entry Doors for Energy Efficiency
Eugene O'Neill National Historic Site	CA	Insulate New Barn
Eugene O'Neill National Historic Site	CA	Repair Lighting in Visitor Center
Fossil Butte National Monument	WY	Install Water Conservation Toilets
Friendship Hill National Historic Site	PA	Install Occupancy Sensors
Fredericksburg and Spotsylvania National Military Park	VA	FRSP Energy Conservation
Gateway National Recreation Area	NY	Install Motion Detectors
Glacier Bay National Park	AK	Energy Source Convert and Reduce
Glacier Bay National Park	AK	Reduced Energy Lighting
Gulf Islands National Seashore	FL	Solar Operated Vehicular Gate
Gulf Islands National Seashore	FL	Solar Security Lighting at Opal Beach
Guadalupe Mountains National Park	TX	Install Interior Occupancy Sensors
George Washington Memorial Parkway	DC	Photovoltaic Design
Hopewell Furnace National Historic Site	PA	Install Solar Fans Throughout Park
Hopewell Furnace National Historic Site	PA	Purchase Solar Power Generator
Hopewell Furnace National Historic Site	PA	Purchase and Install Solar Sensor Lights
Hopewell Furnace National Historic Site	PA	Install Solar Lighting in Storage Sheds



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Joshua Tree National Park	CA	Off-grid Photovoltaic Energy System
Kings Mountain National Military Park	SC	Remove Rock Wool and Re-insulate Headquarters
Lake Mead National Recreation Area	NV	Entrance station photovoltaics
Lake Mead National Recreation Area	AZ	Install Solar Collectors at Two Entrance Stations
Lake Meredith National Recreation Area	TX	Retrofit Existing Comfort Station with Solar Power
Lake Meredith National Recreation Area	TX	Install Solar Photovoltaic Comfort Stations
Mojave National Preserve	CA	Solar Water Pumping for the Mid Hills Campground Well
Mount Rainier National Park	WA	Study Sunrise Area and White River Solar Potential
National Capital Parks-Central	DC	Vietnam Veterans Memorial Lighting Design
National Capital Parks-East	DC	Urban Treehouse Photovoltaic Design
Ozark National Scenic River	MO	Install Exterior Photovoltaic Lights
Padre Island National Seashore	TX	Install energy-efficient lighting and solar hot water
Petrified Forest National Park	AZ	Install Wind and Solar Vault Toilet
Petrified Forest National Park	AZ	Replace Exterior Light with Solar
Petrified Forest National Park	AZ	Upgrade Solar Powered Boundary Gate
Point Reyes National Seashore	CA	Install Photovoltaic Array at Pierce Branch
Point Reyes National Seashore	CA	Install Photovoltaic Array at North District Office
Point Reyes National Seashore	CA	Install Photovoltaic Water Pumping Station at Wildcat Campground
Point Reyes National Seashore	CA	Replace and Expand Solar Water Heating
Sequoia and Kings Canyon National Park	CA	Replace High Volume Water Fixtures
Shenandoah National Park	VA	Insulate Heated Warehouse Room
Sleeping Bear Dunes National Lakeshore	MI	Install Photovoltaic System on South Manitou Island
Theodore Roosevelt National Park	ND	Solar Outdoor Lights at Painted Canyon VC
Upper Delaware Scenic and Recreational River	PA	Retrofit 262 Fluorescents Parkwide
Whiskeytown National Recreation Area	CA	Convert Visitor Center to Solar Power
Whiskeytown National Recreation Area	CA	Install Solar Parking Lights